

Abstract of The Disclosure

A fuel-injection system including a fuel injector, having a plurality of spray-discharge orifices, which meters fuel into a combustion chamber of an internal combustion engine, has an ignition device, which projects into the combustion chamber, this
5 ignition device having at least one first pole and one second pole. The fuel jets emerging from the spray-discharge orifices spread an essentially cone-shaped fuel fan below the region of the ignition device. The end of the at least one first pole is arranged to the side adjacent to the end of the second pole projecting into the combustion chamber, and both ends are located on approximately the same level of
10 the longitudinal axis of the ignition device.